



Customer No. 026418

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Docket No. GK-ZEI-3125 / 500343.20126  
Applicant(s): Ralf WOLLESCHEMSKY and Michael KEMPE  
Application No.: 10/043,009- Group:  
Filed: January 8, 2002 Examiner:  
For: METHOD AND ARRANGEMENT FOR THE DEEP RESOLVED  
OPTICAL RECORDING OR A SAMPLE

**SUBSTITUTE  
DRAWINGS  
(Figs. 1 – 23)**

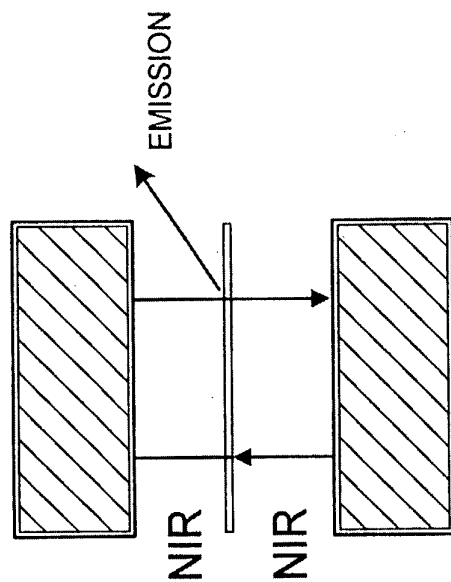
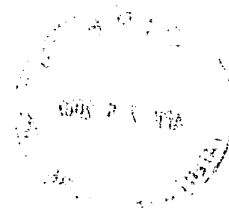


FIG. 1B

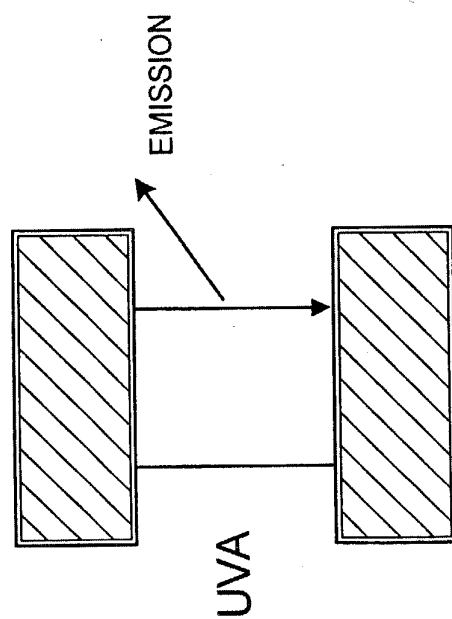


FIG. 1A

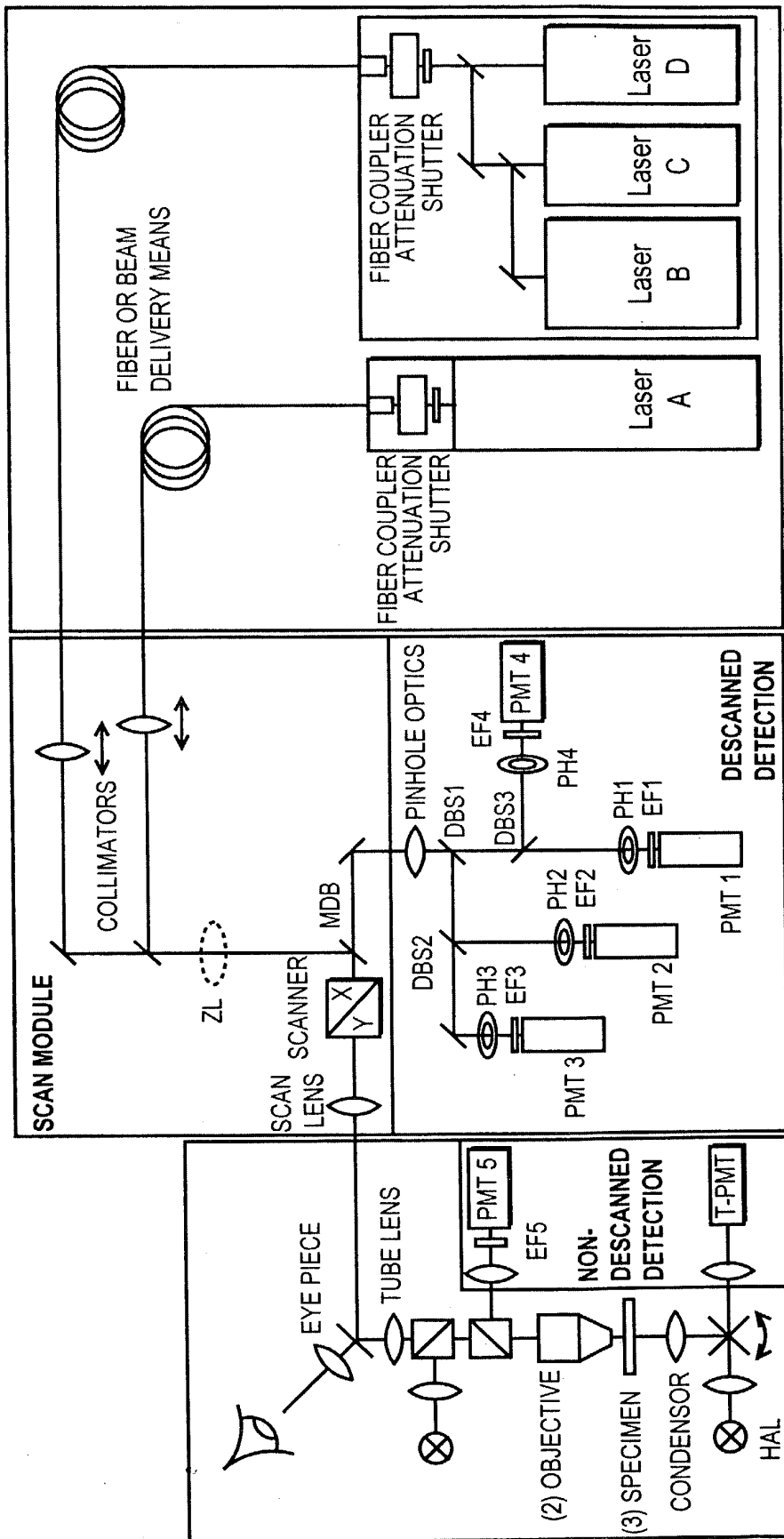


FIG. 2

FIG. 2

FIG. 2

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STRUCTURED ILLUMINATION - PRIOR ART

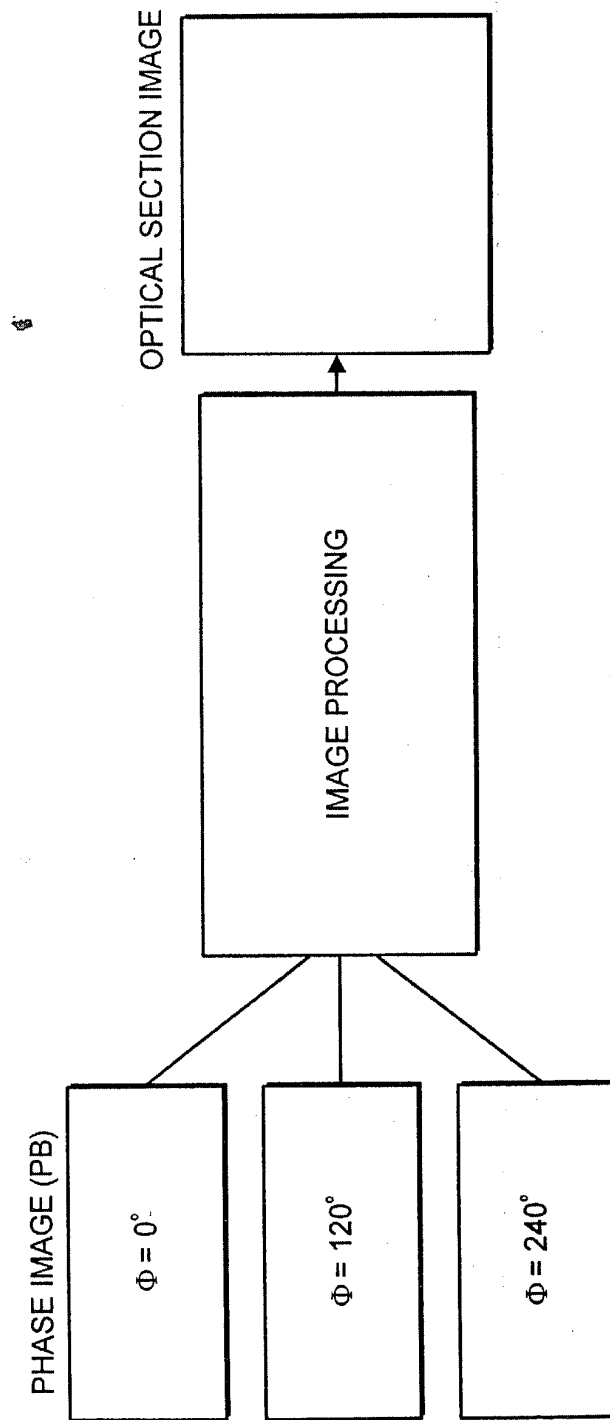


FIG. 3

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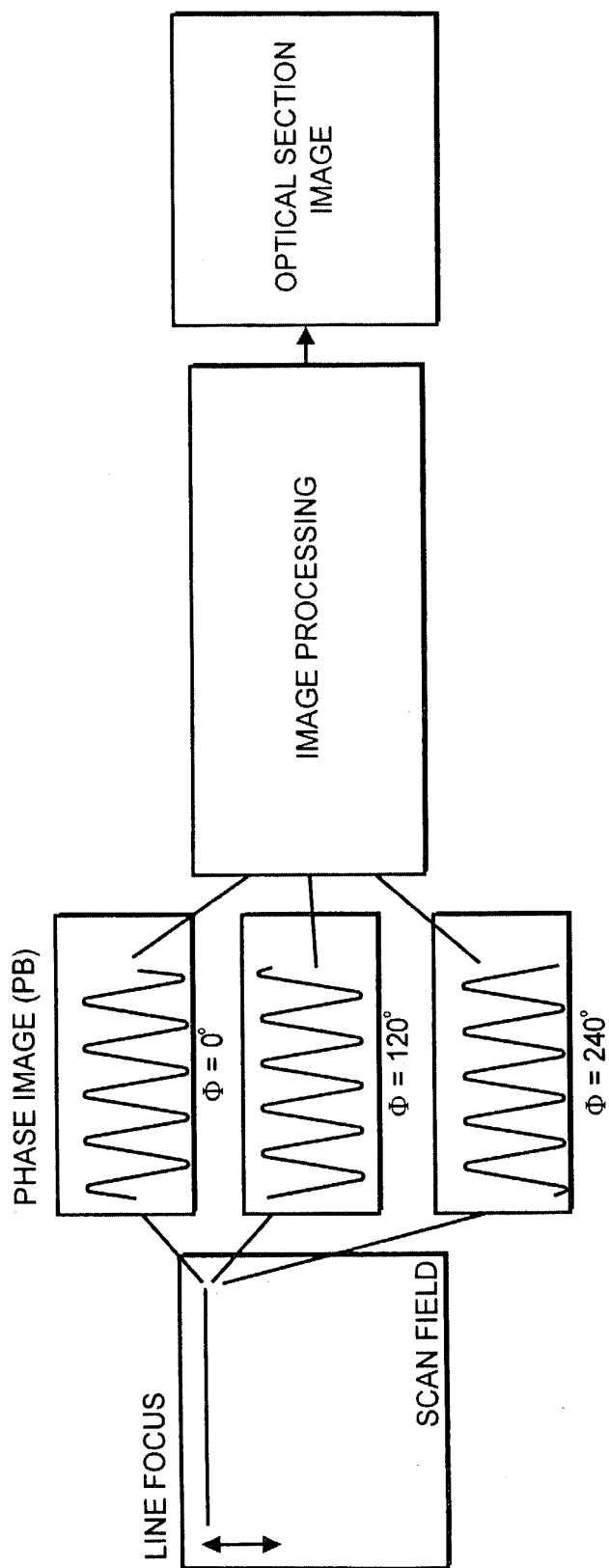
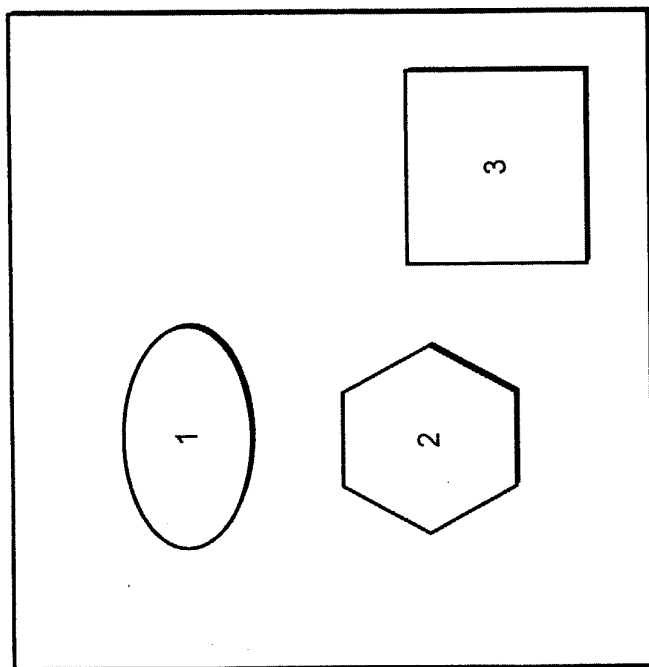


FIG. 4

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SCAN FIELD

FIG. 5

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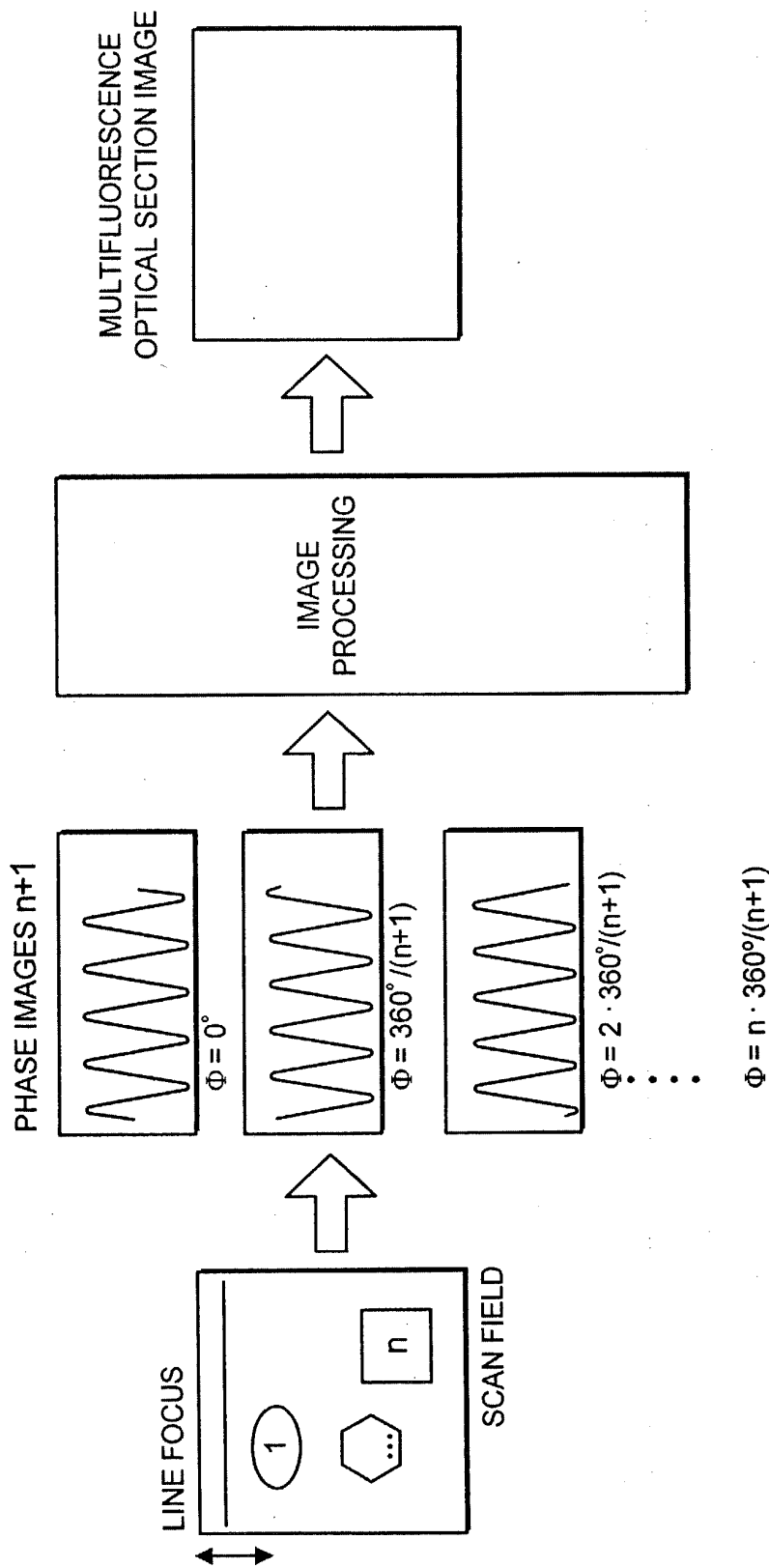


FIG. 6

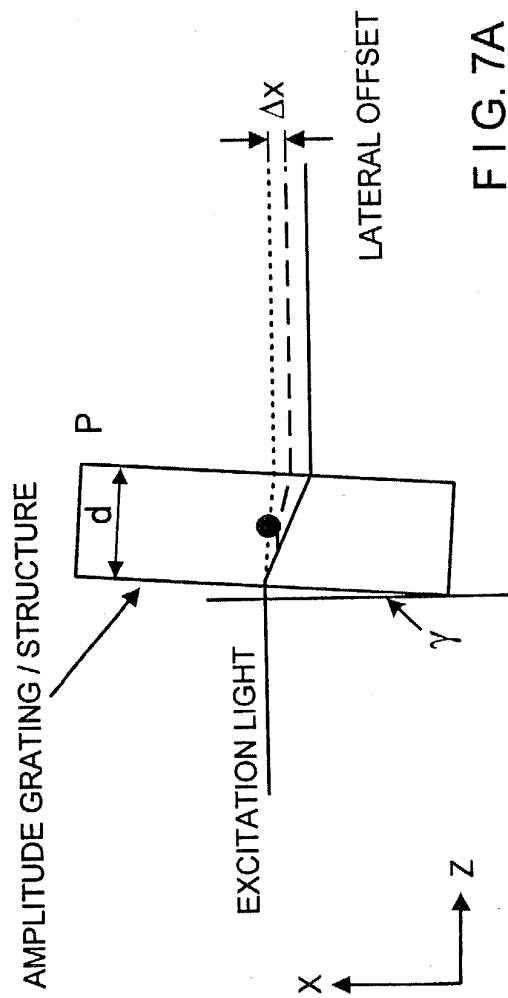


FIG. 7A

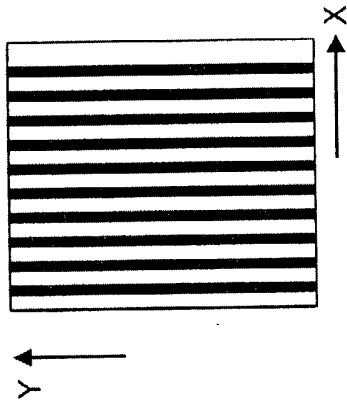


FIG. 7B

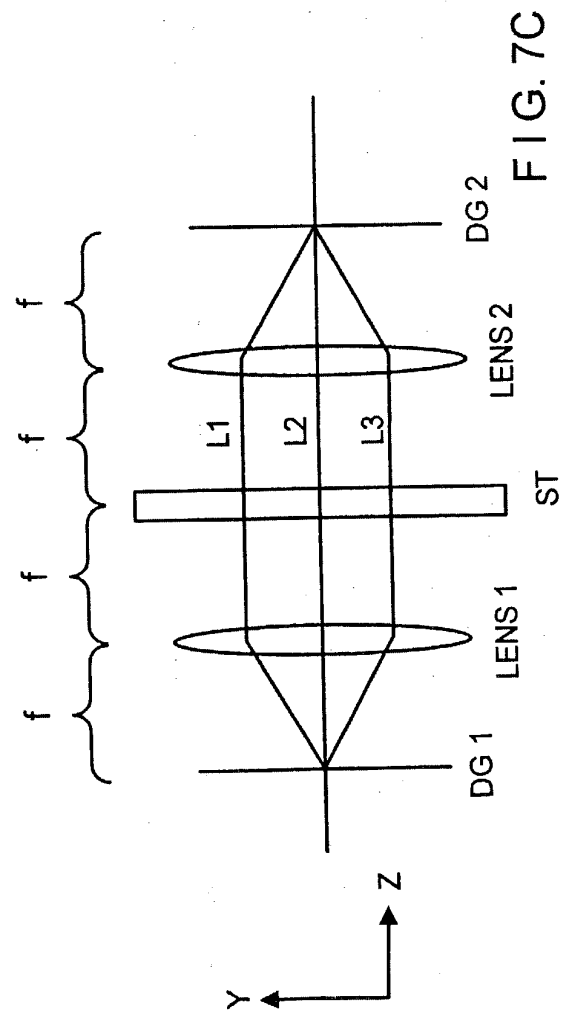


FIG. 7C

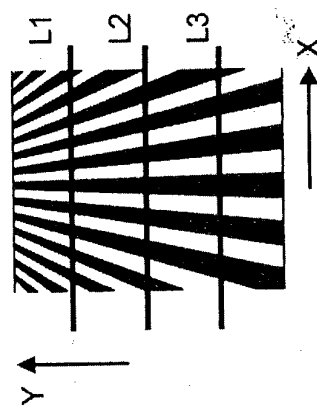


FIG. 7D



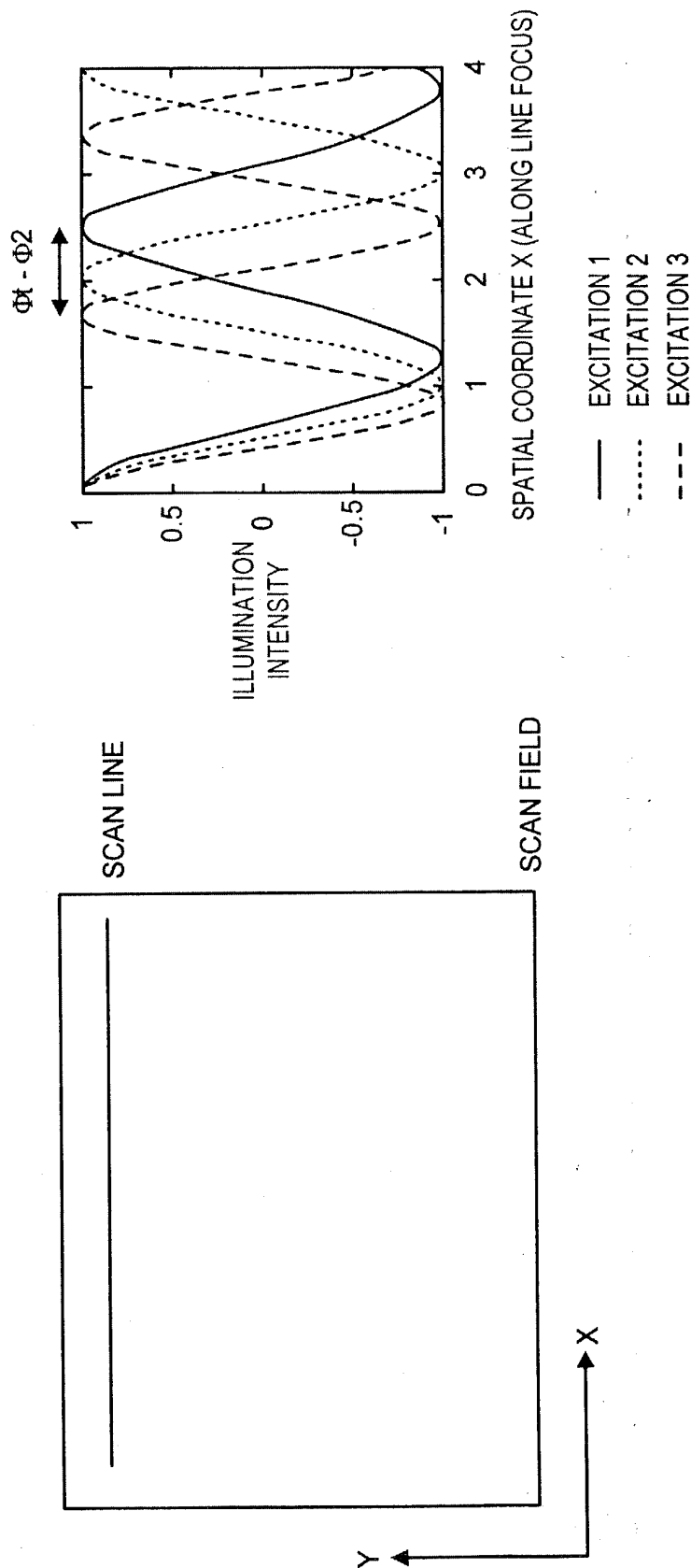


FIG.8

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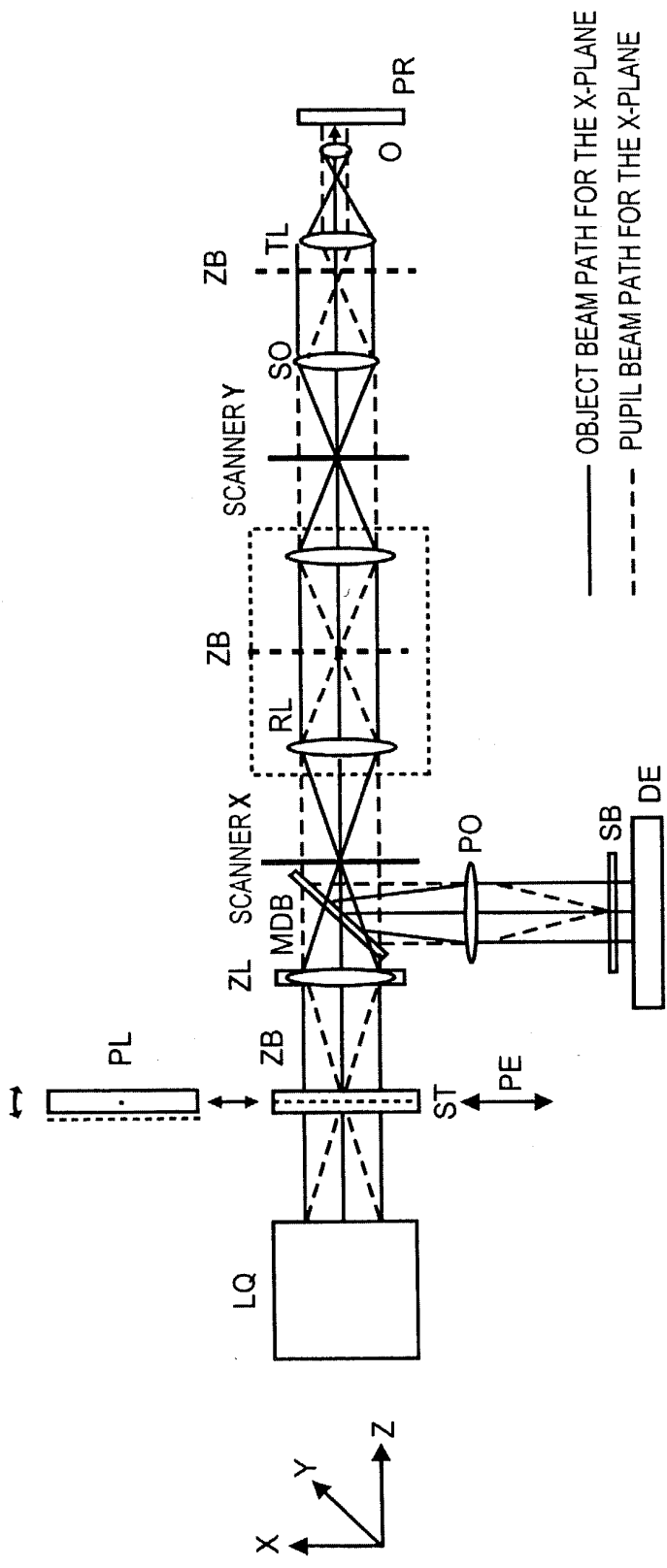
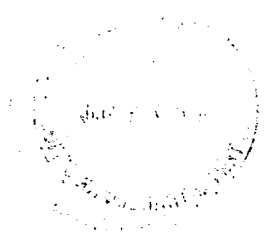


FIG. 9A

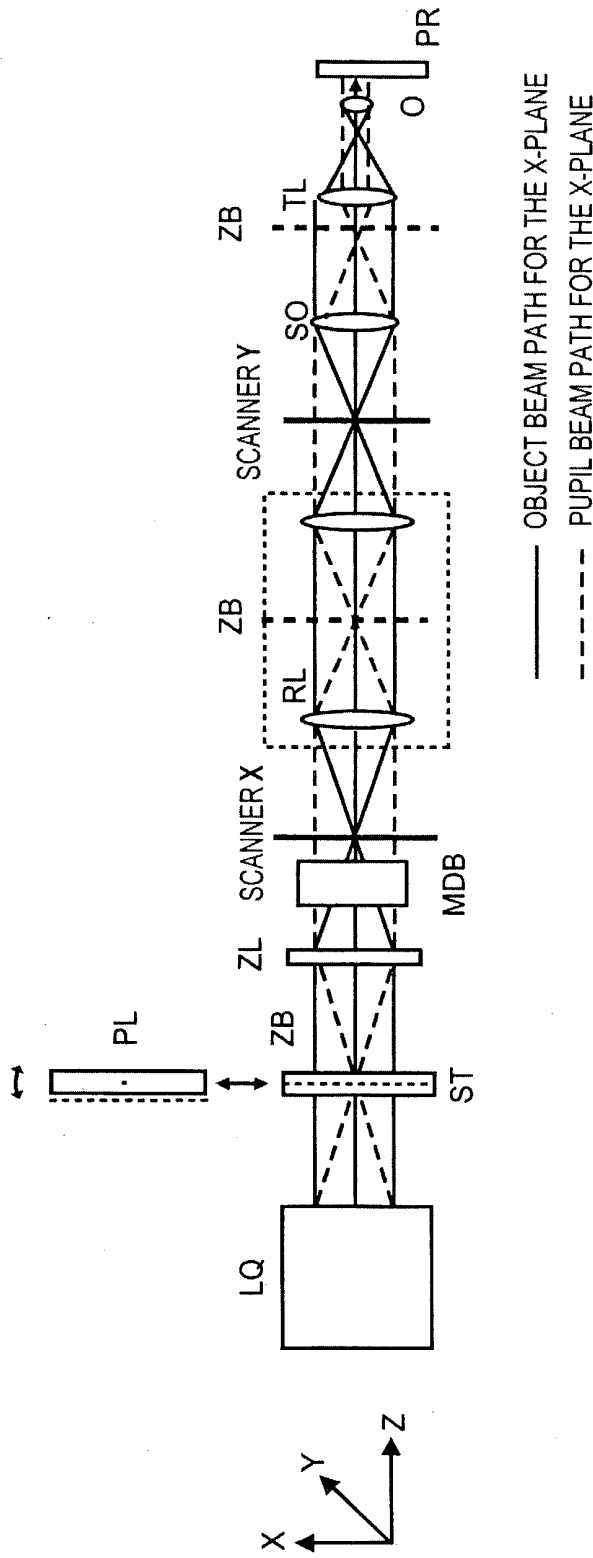


FIG. 9B

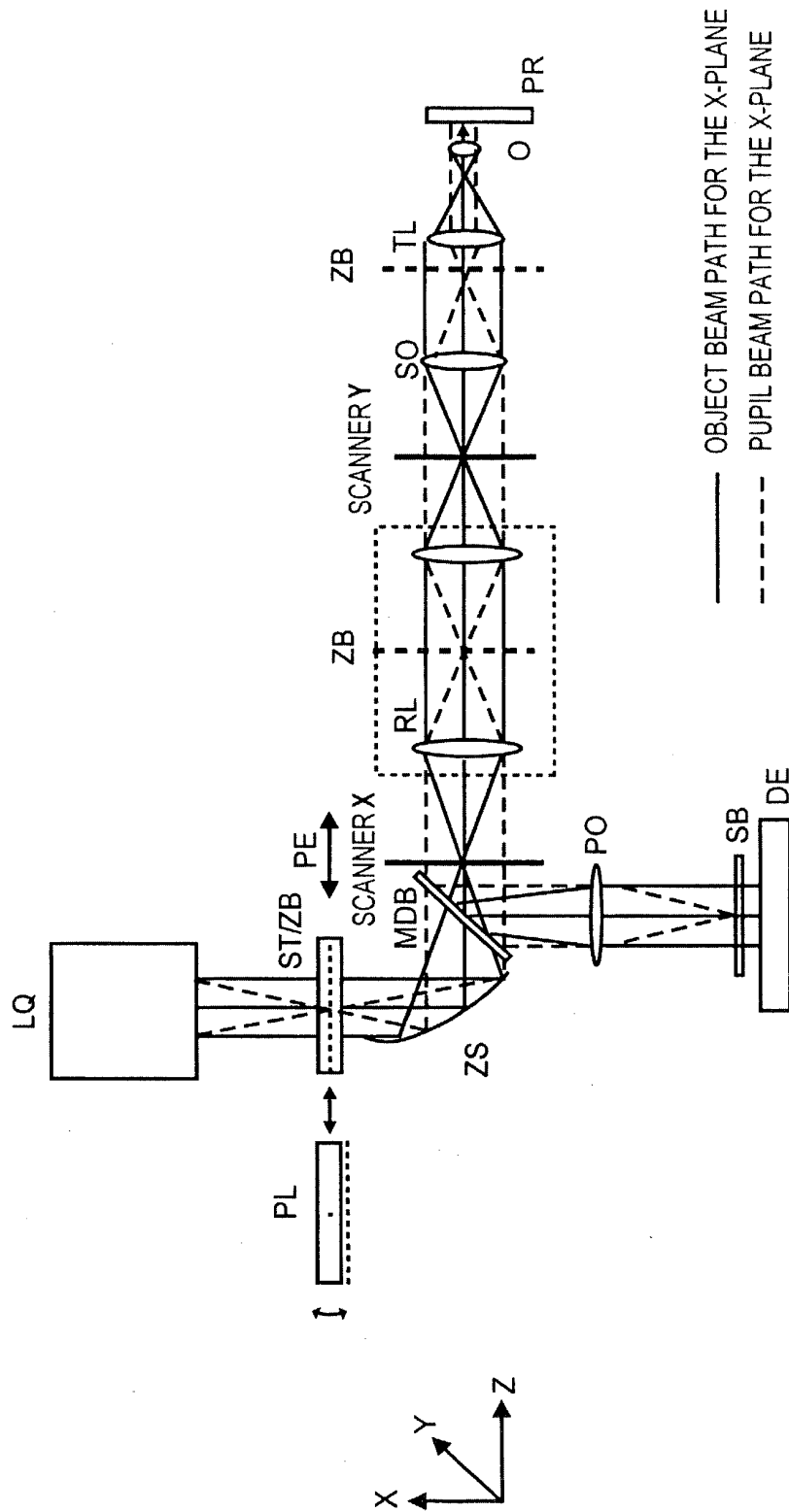
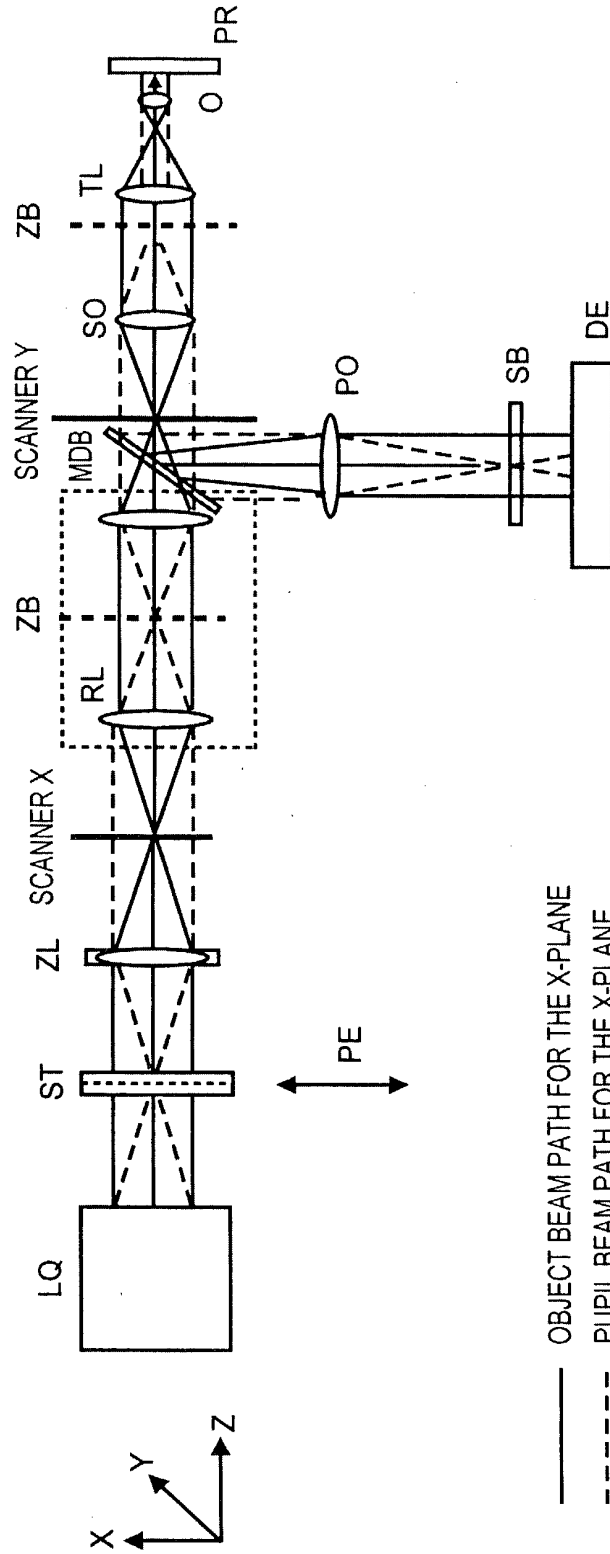


FIG. 9C



— OBJECT BEAM PATH FOR THE X-PLANE  
 --- PUPIL BEAM PATH FOR THE X-PLANE

FIG. 10A

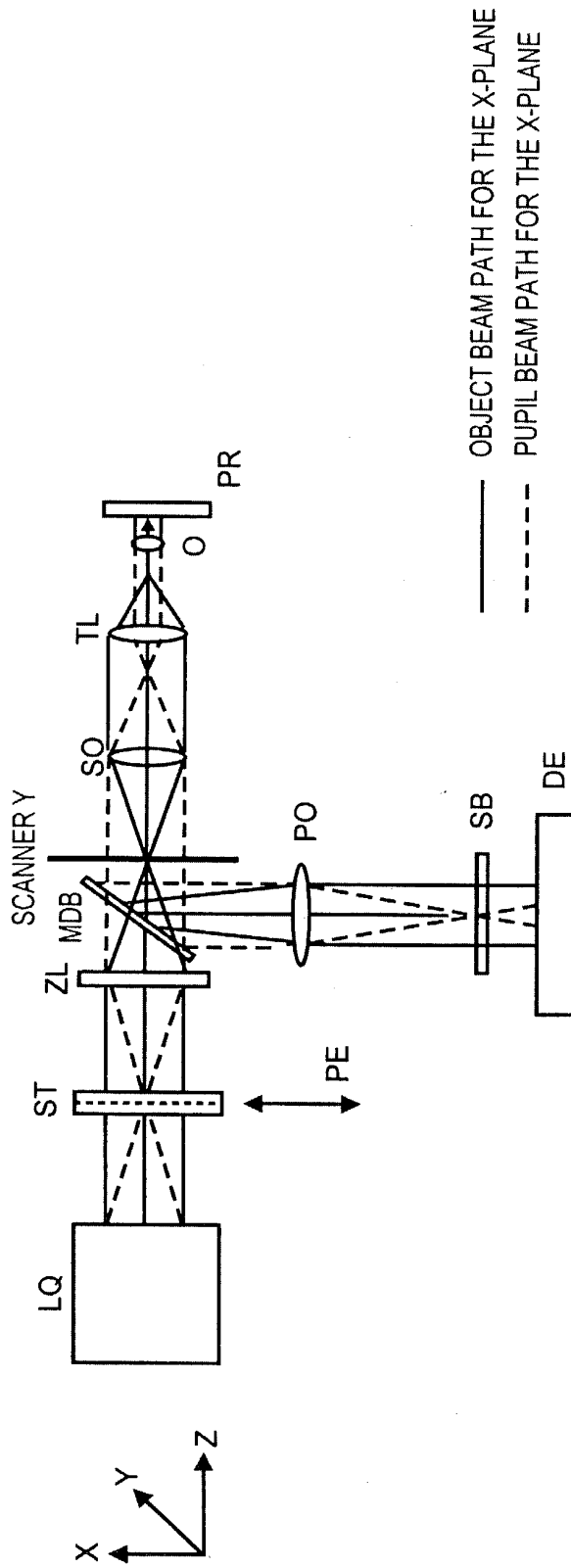


FIG. 10B

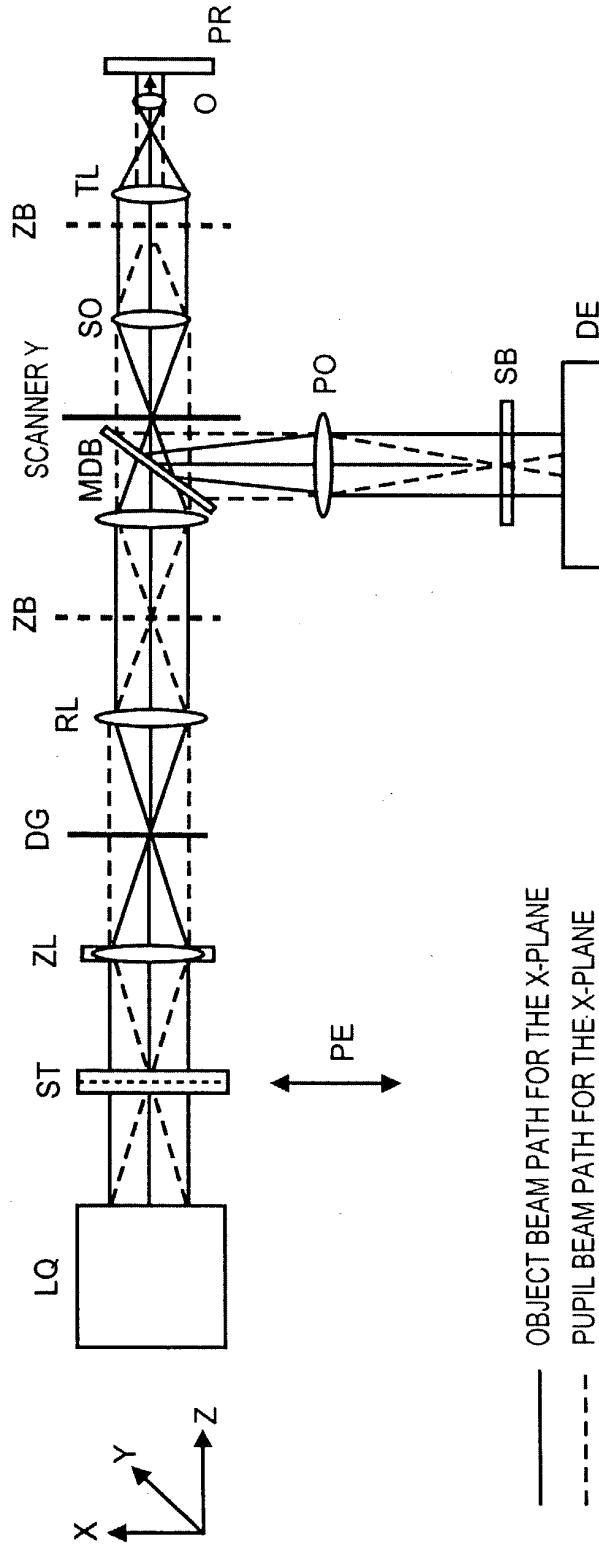


FIG. 11

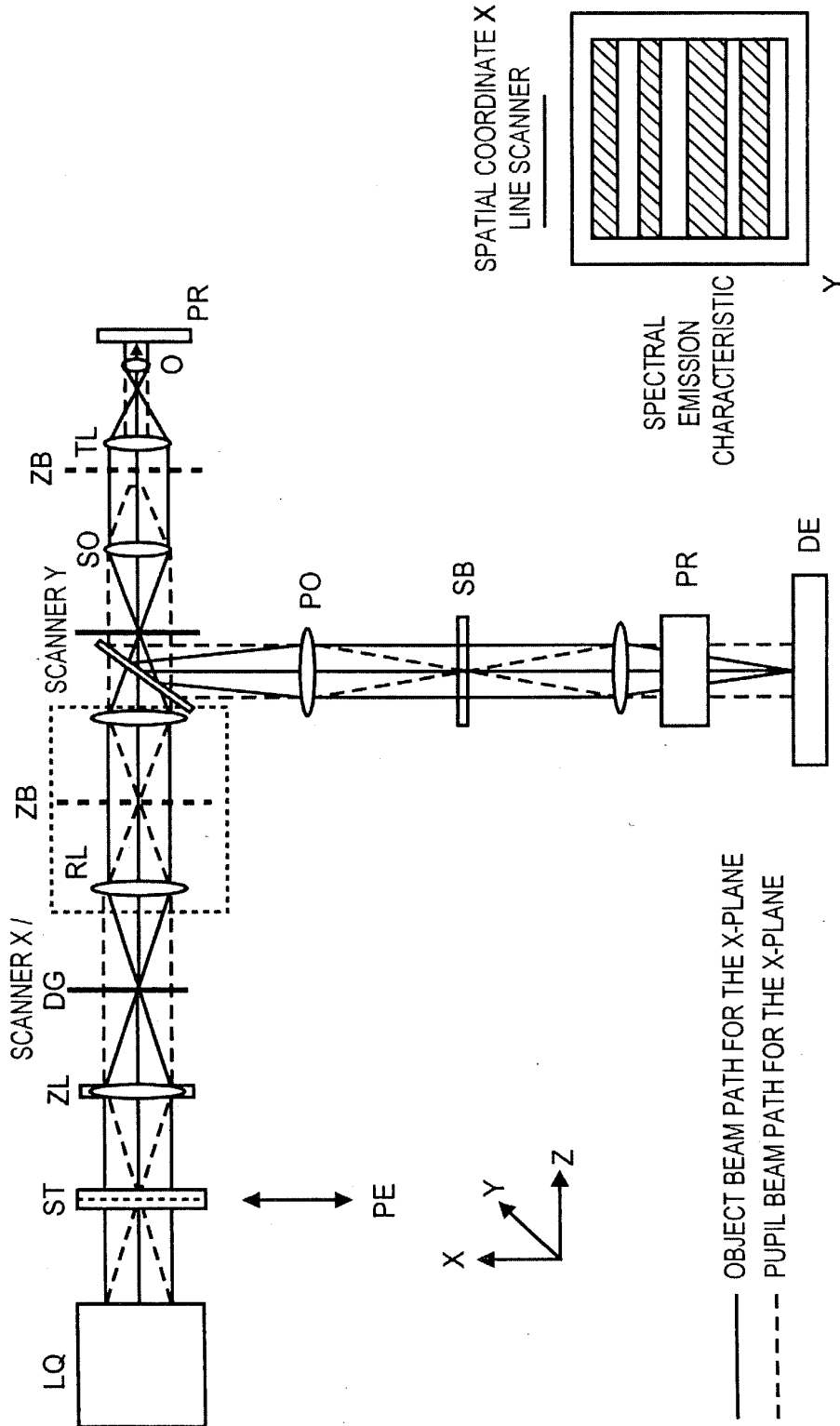


FIG. 12



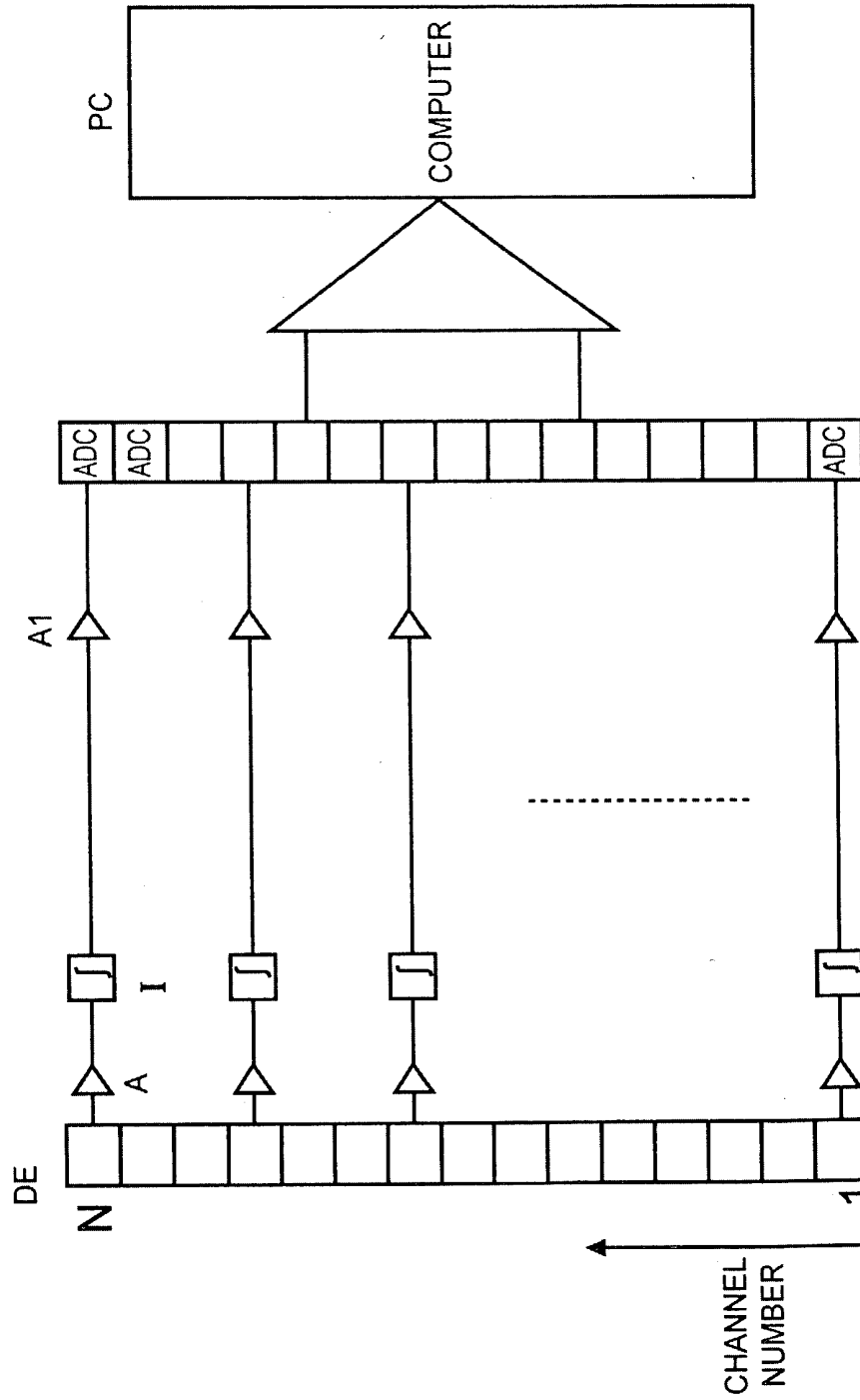
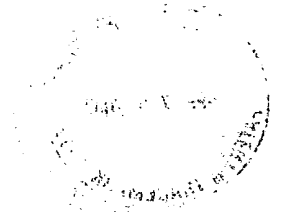


FIG. 13

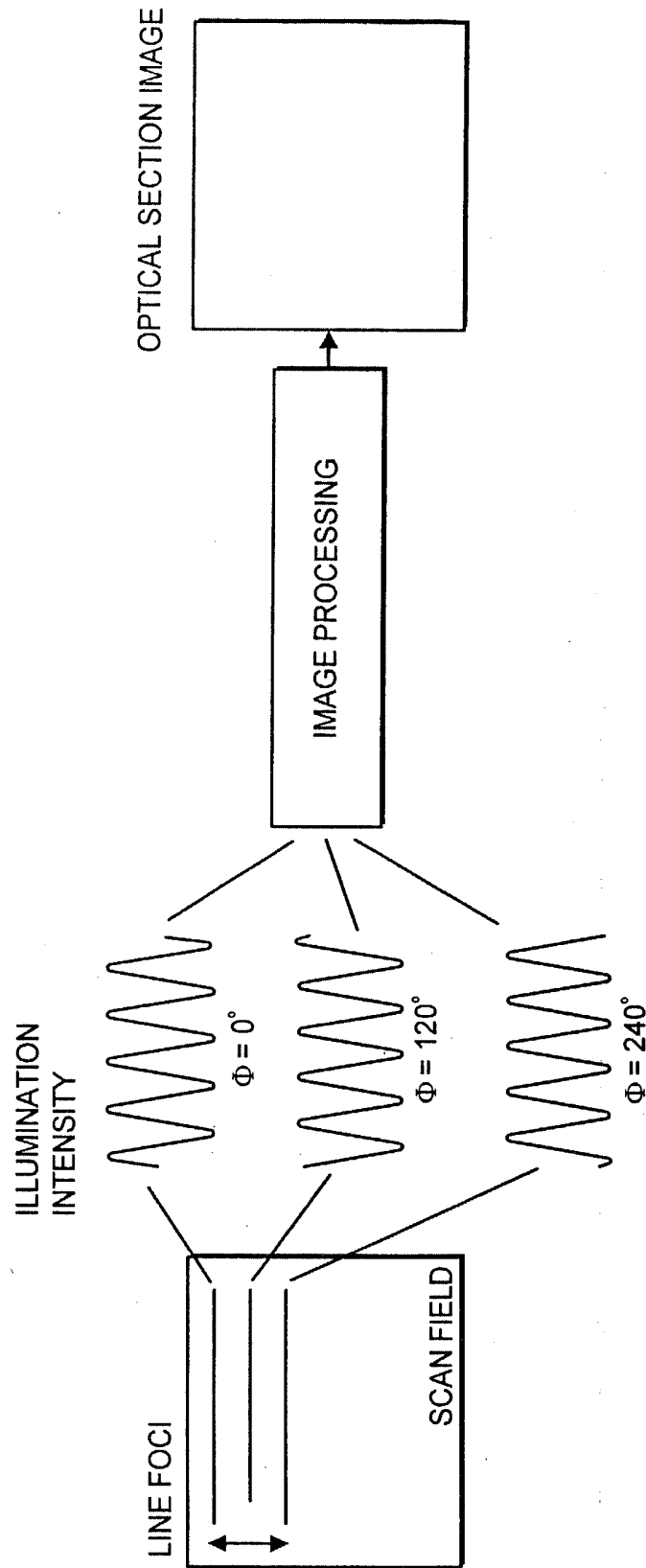


FIG. 14

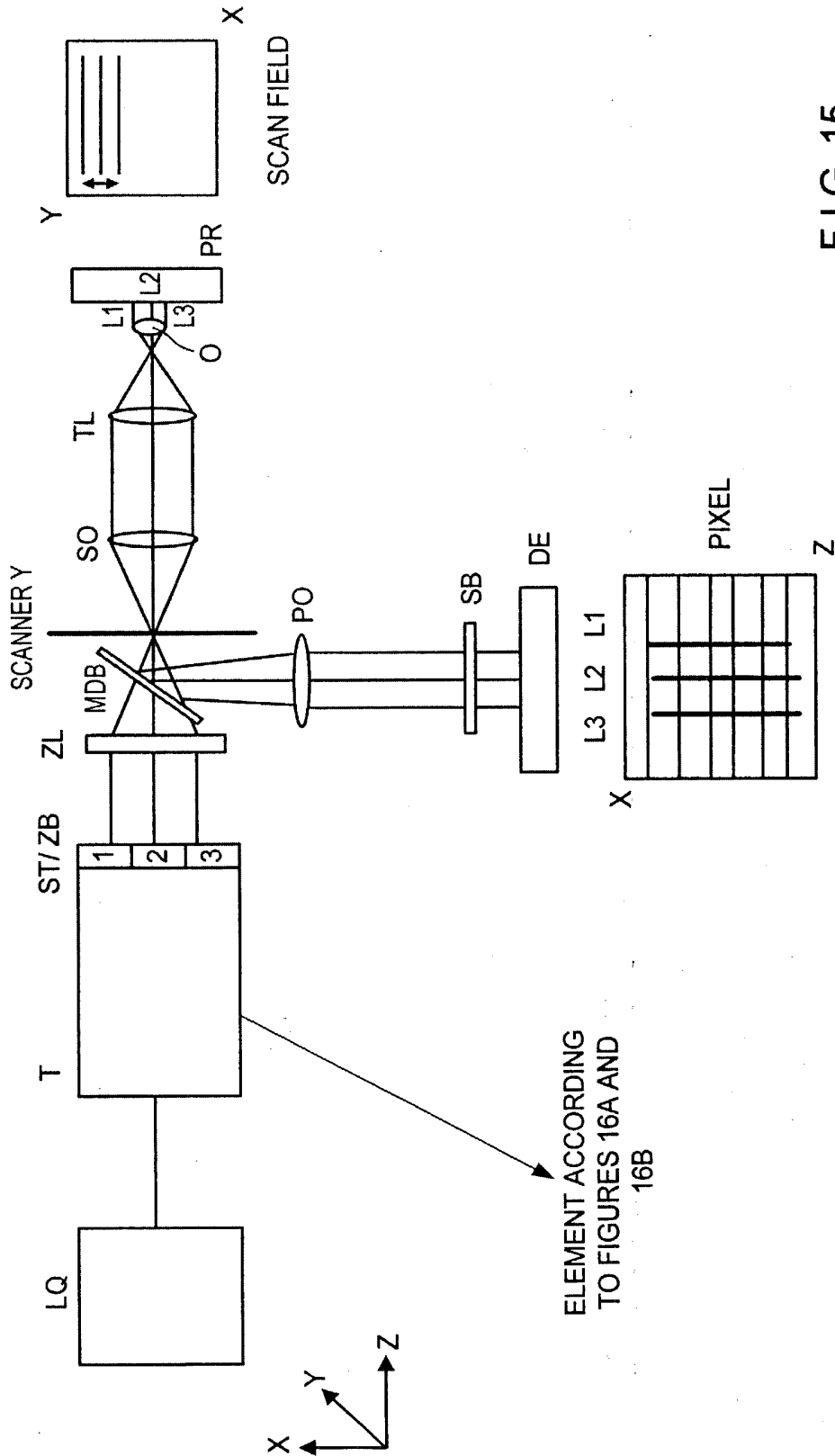
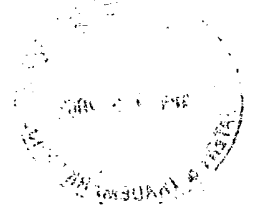


FIG. 15



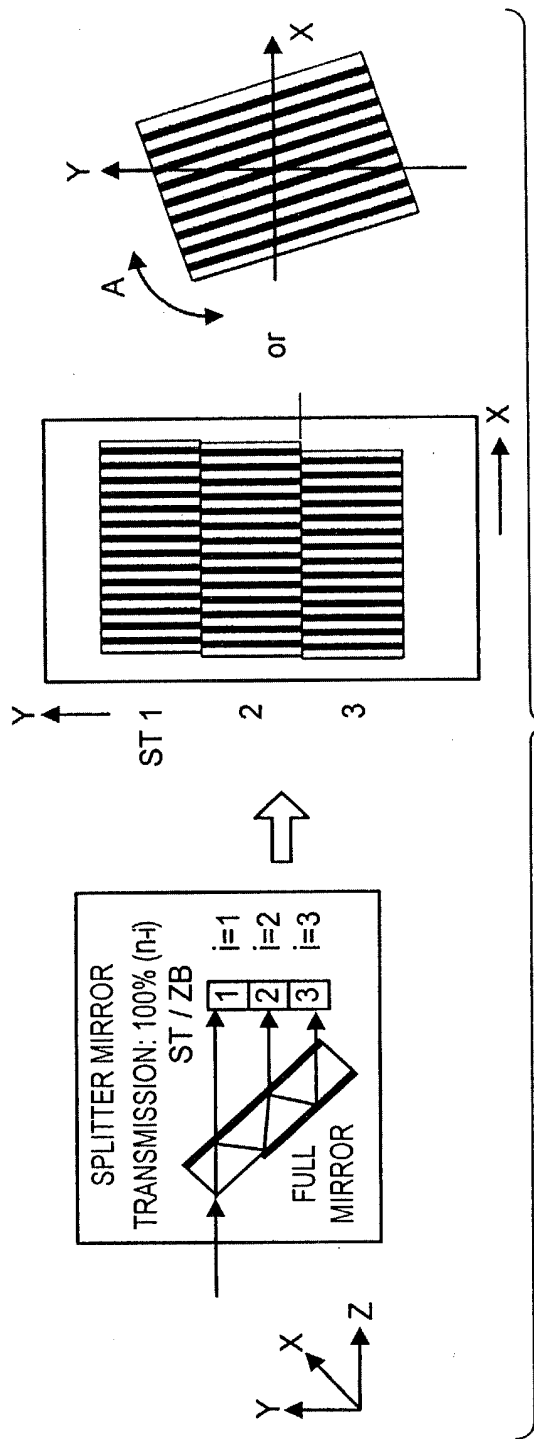


FIG. 16A

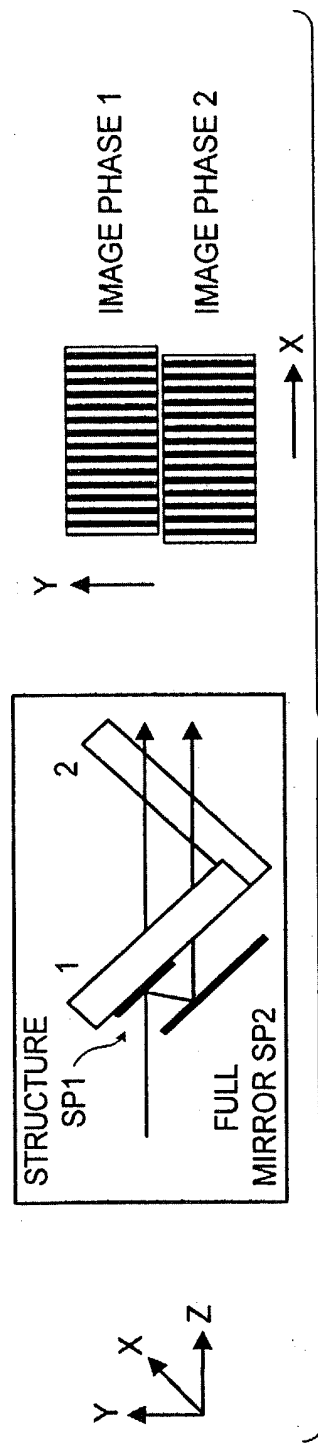


FIG. 16B

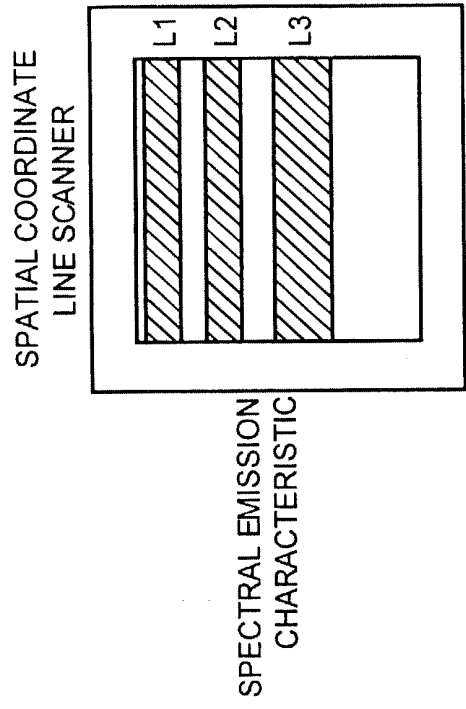
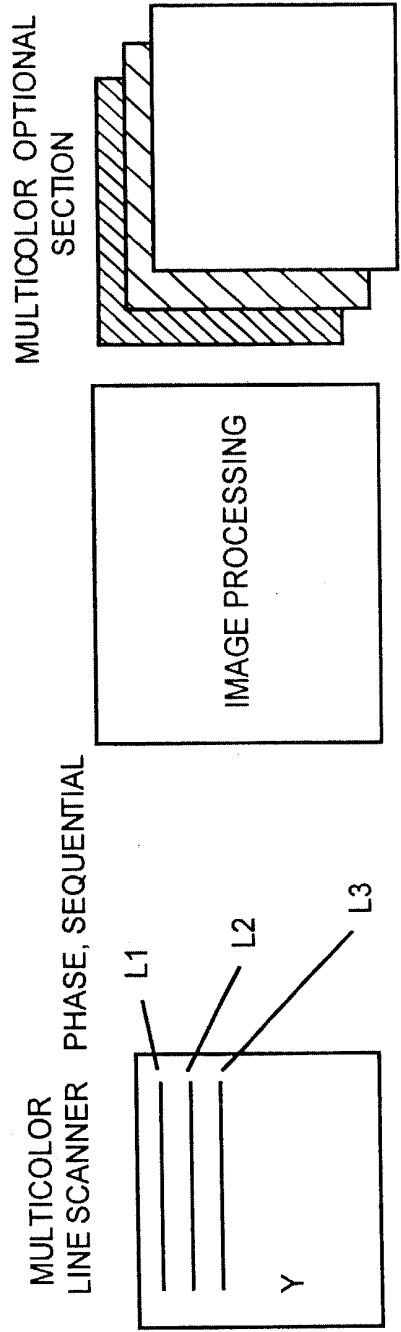
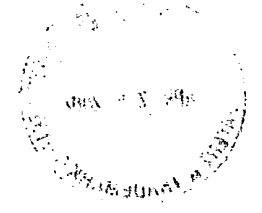


FIG. 17

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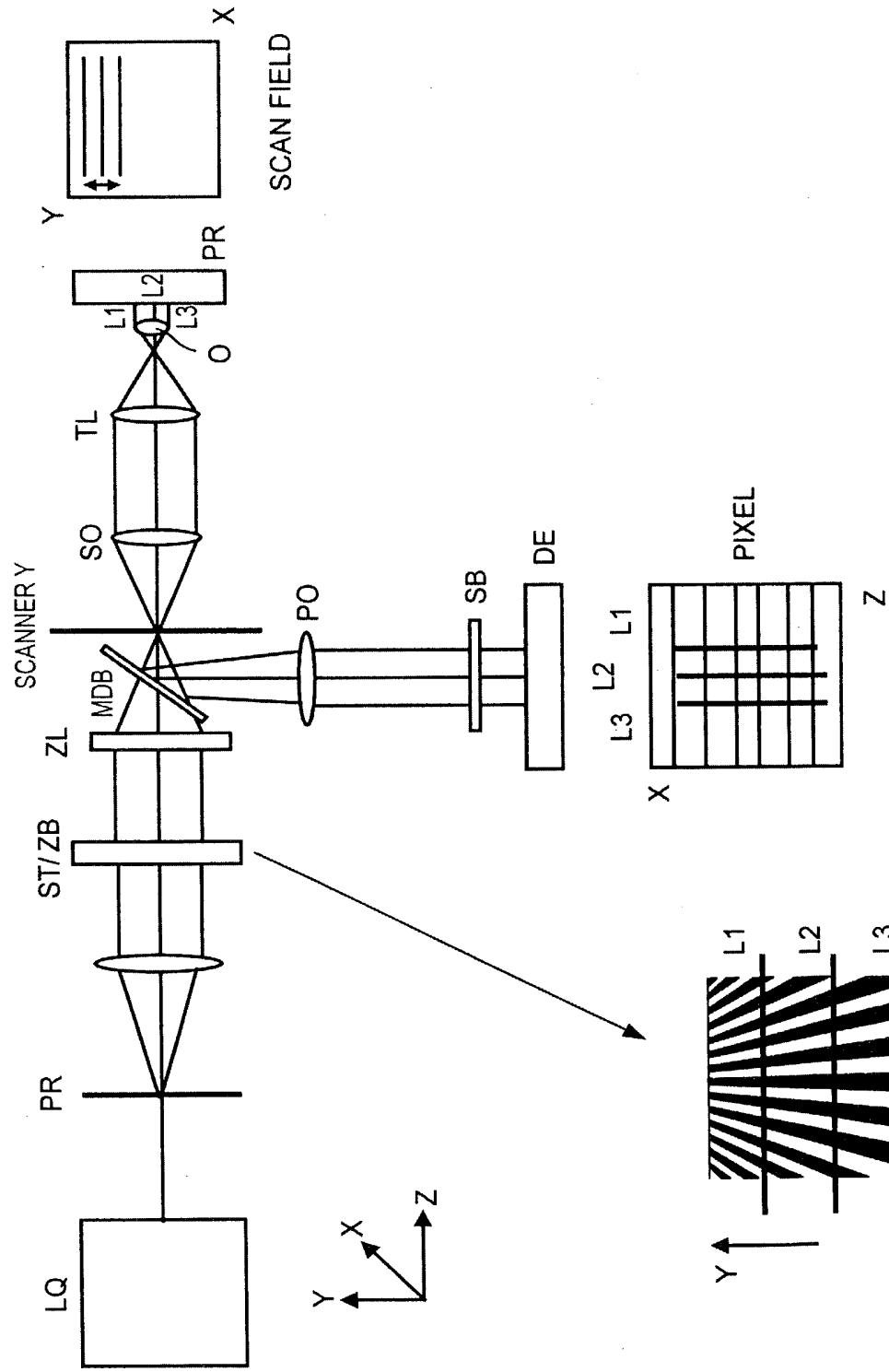
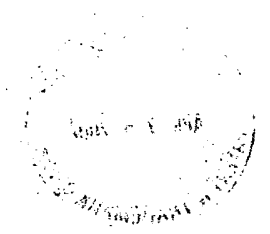


FIG. 18

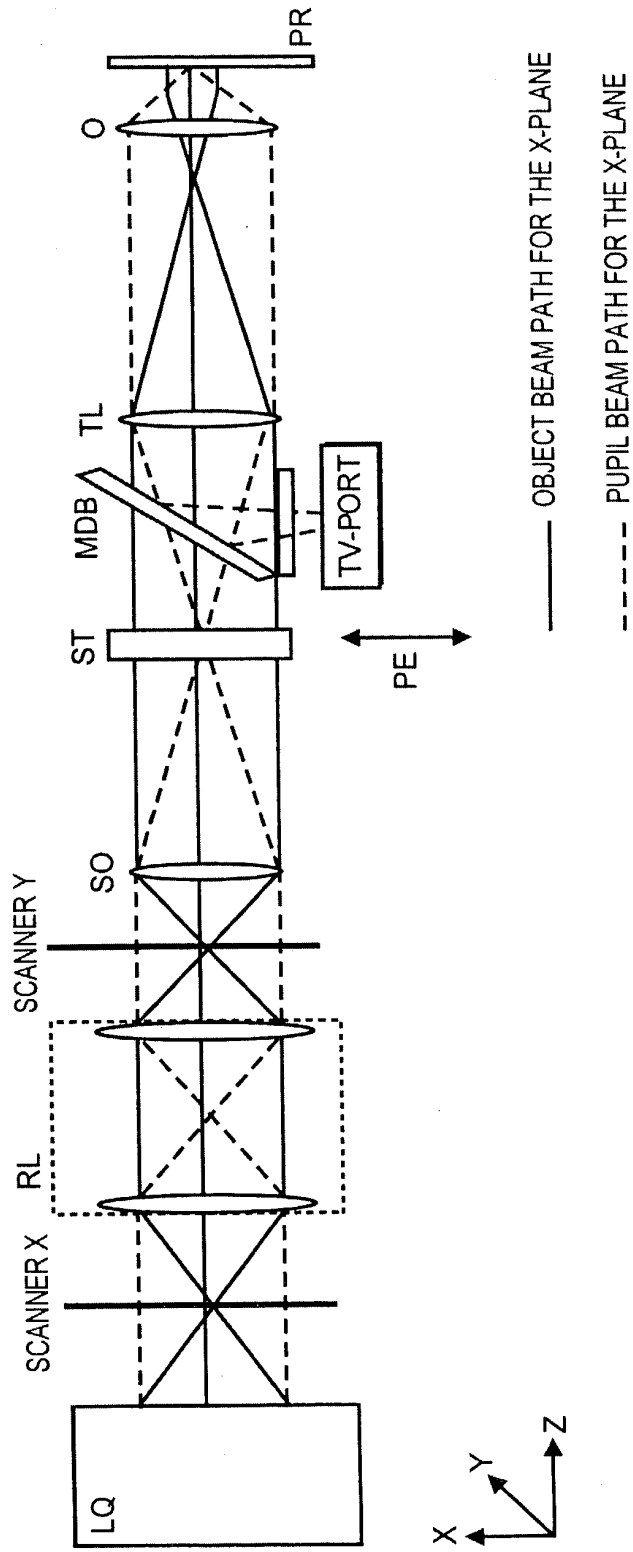
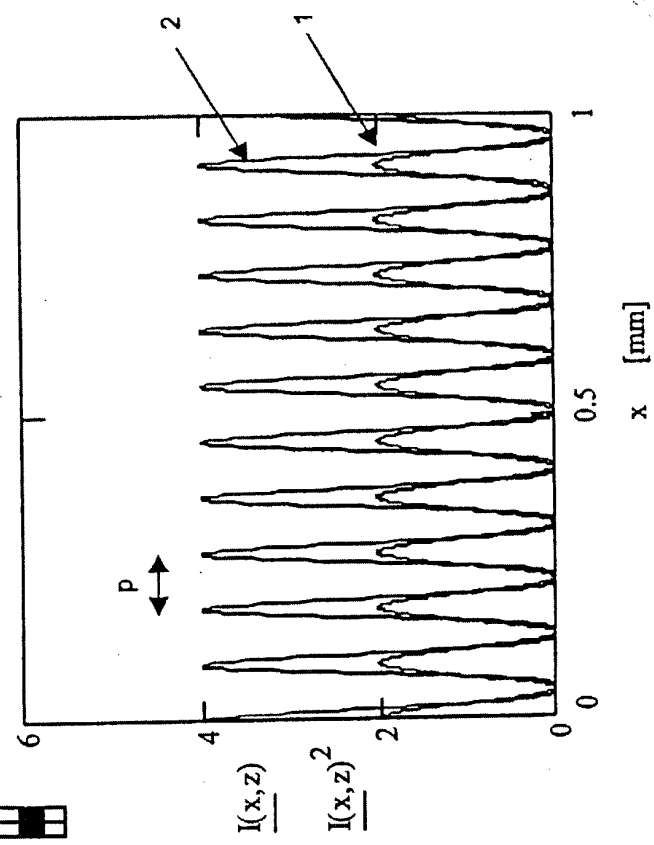
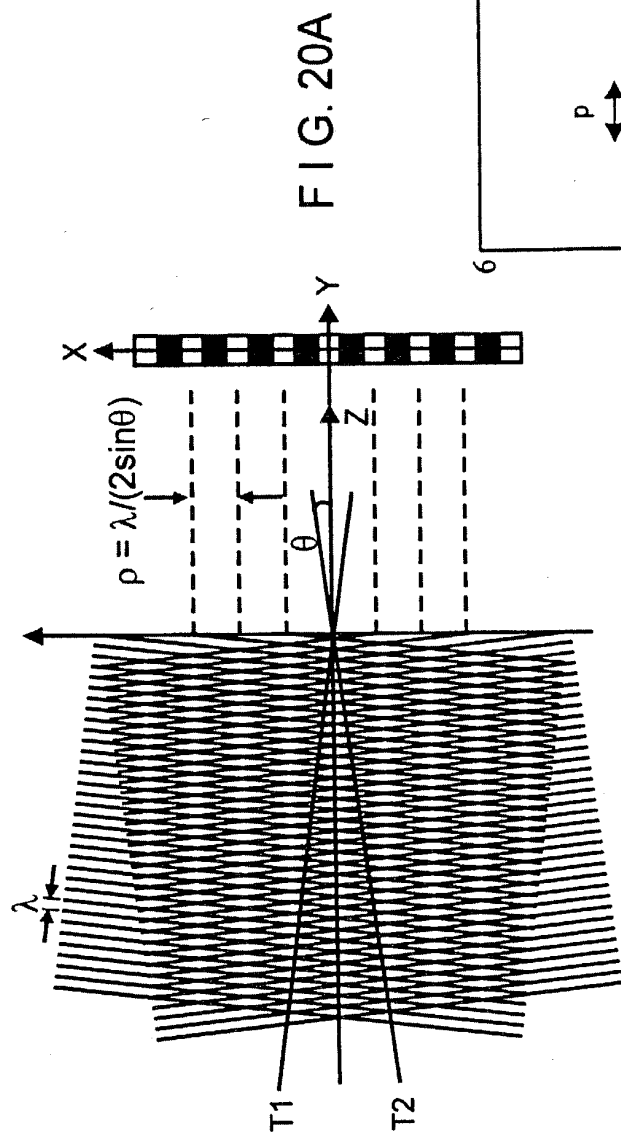
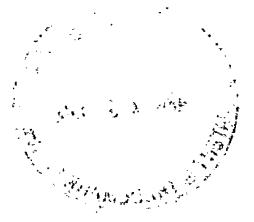


FIG. 19





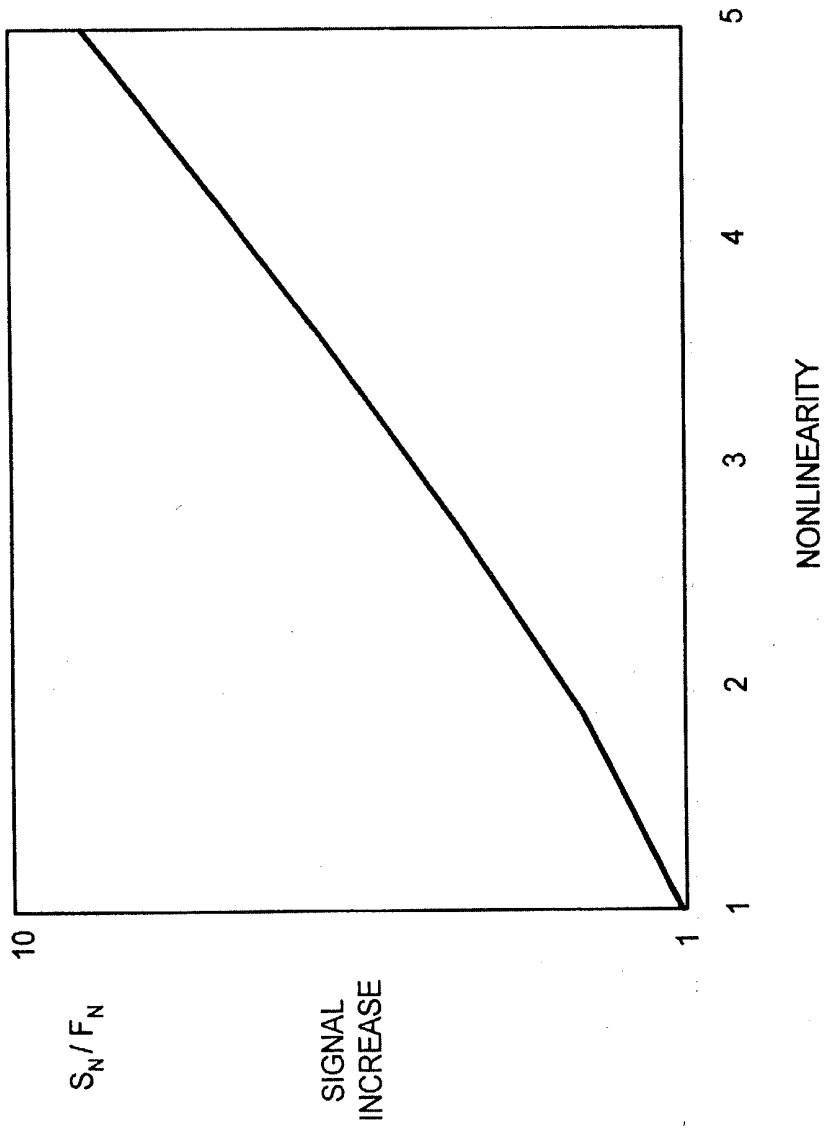


FIG. 21

DIFFERENT ARRANGEMENTS FOR LIGHT SOURCE MODULE

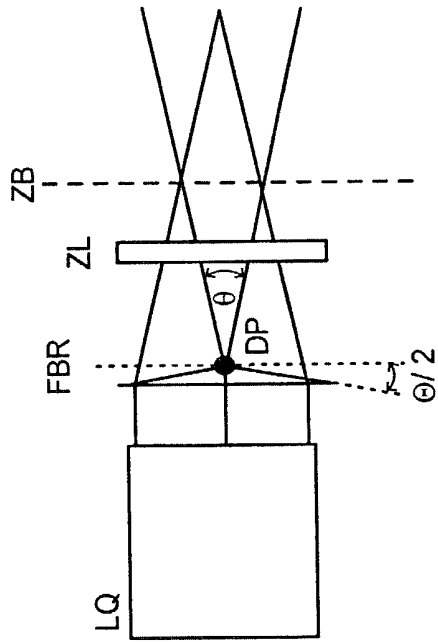


FIG. 22A

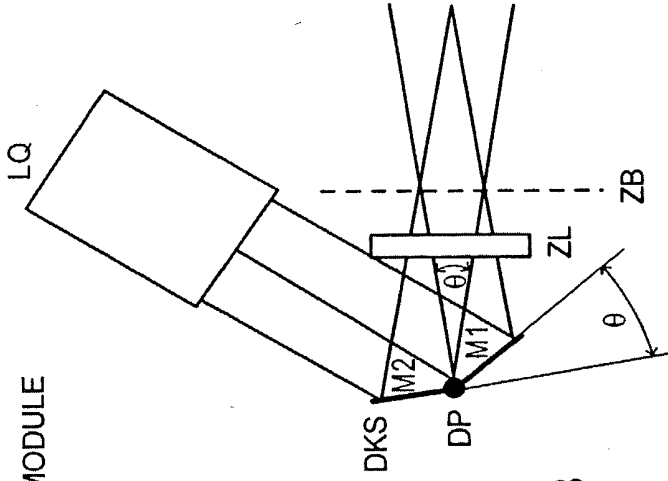


FIG. 22B

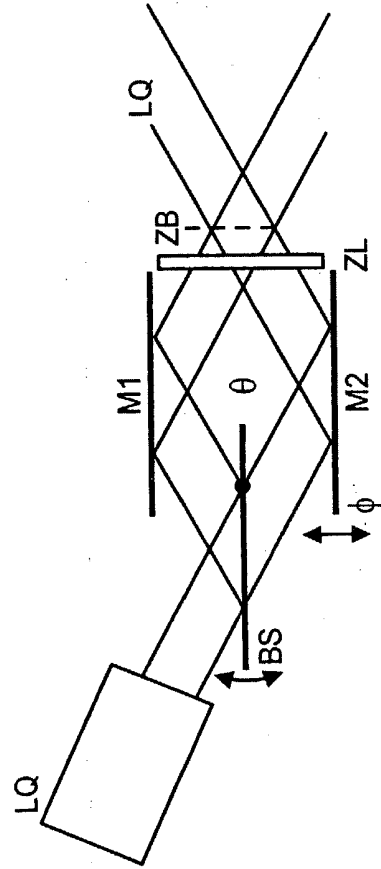


FIG. 22C

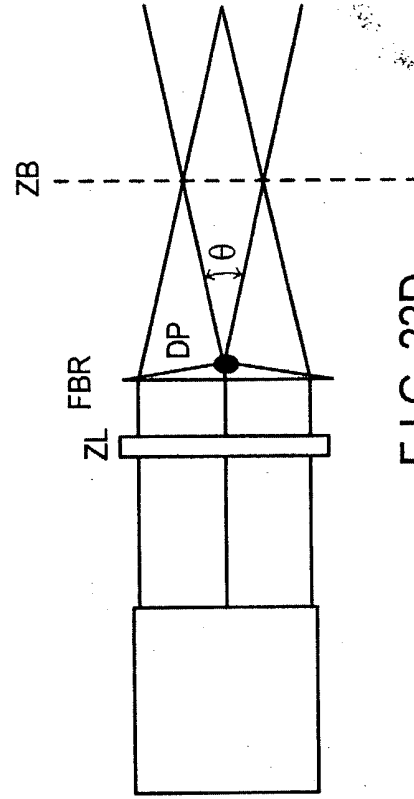


FIG. 22D

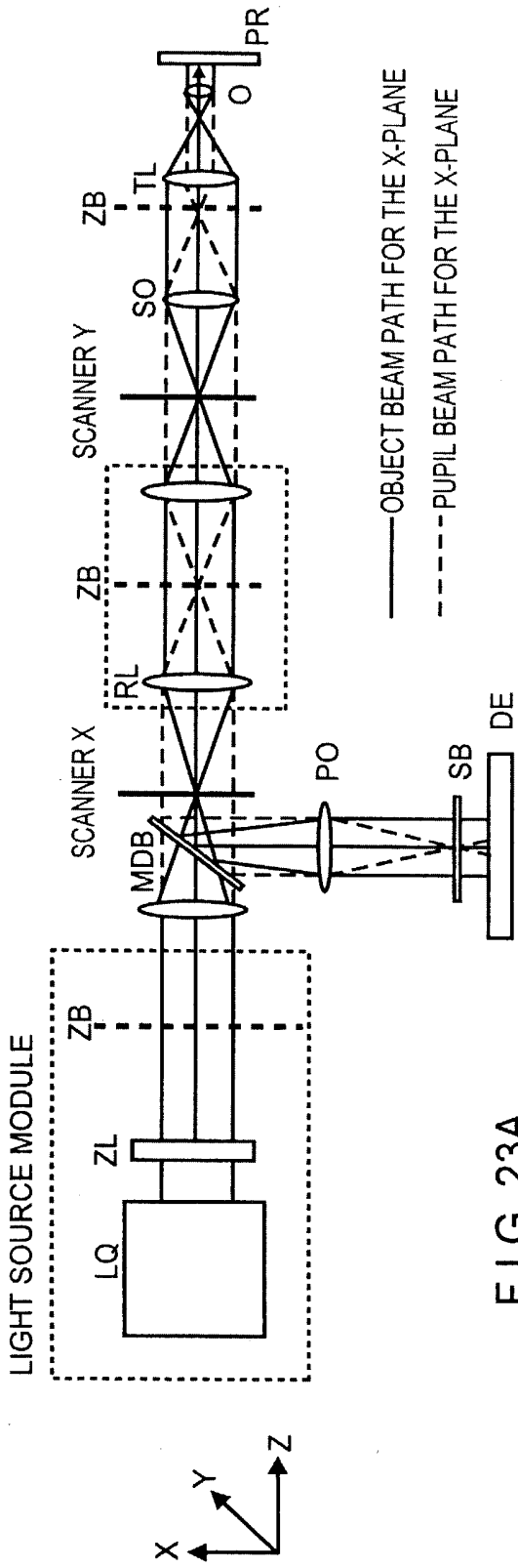


FIG. 23A

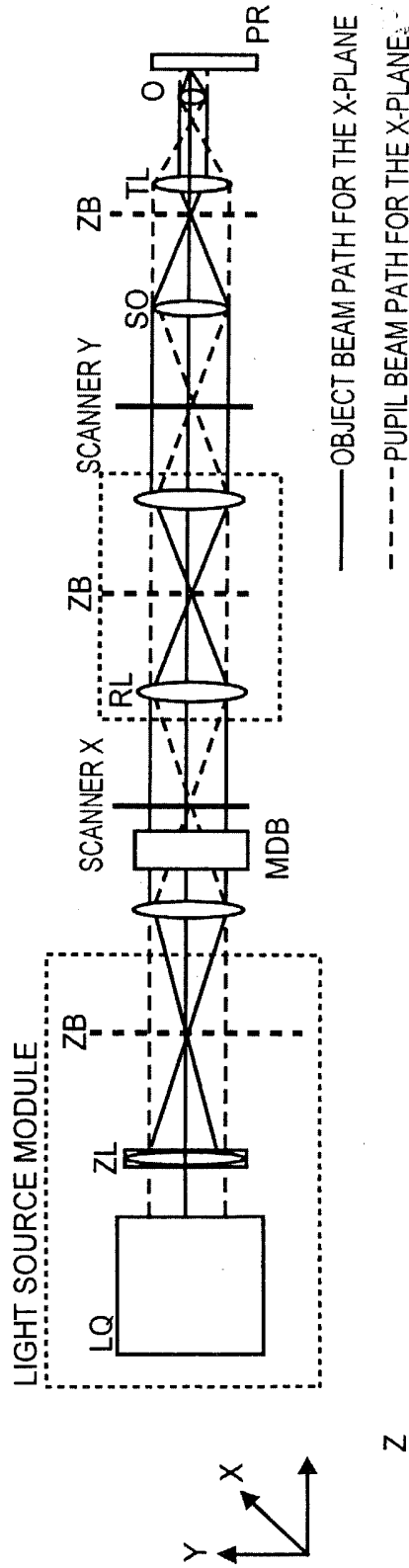


FIG. 23B